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PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-313844

(43)Date of publication of application : 09.11.2001

(51)Int.Cl.

H04N 1/60

G06T 1/00

G06T 5/20

H04N 1/46

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(22)Date of filing : 15.03.2001 (72)Inventor : MORONEY NATHAN
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(30)Priority

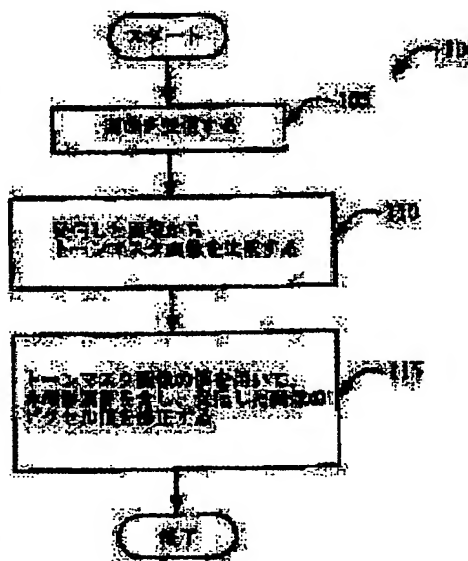
Priority number : 2000 540162 Priority date : 31.03.2000 Priority country : US

(54) METHOD AND DEVICE FOR EXECUTING LOCAL COLOR CORRECTION

(57)Abstract:

PROBLEM TO BE SOLVED: To simply generate an image with high quality at a high-speed by performing local color correction.

SOLUTION: This invention relates to a method and a device for performing local color correction. One embodiment of this invention consists of two processes. The first process extracts an image mask from an input image. In embodiment, the mask is an inverted, low-pass filtered and monochromatic input image. The second process combines extracted image and the input image with nonlinear arithmetic operations. In another embodiment, this combination arithmetic operation is a variable exponential function that has a mask value as the part of an exponent and has a pixel value as a part of a base.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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